



03500.015957

Cofe
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of:)	
	:	Examiner: Renata McCloud
AKITOSHI KIKUCHI)	
	:	Art Unit: 2837
Appln. No.: 09/988,439)	
	:	
Filed: November 20, 2001)	
	:	
For: STEPPING MOTOR CONTROLLING)	Certificate
APPARATUS AND METHOD, AND	:	JUN 02 2006
IMAGE READING APPARATUS AND)	
METHOD	:	of Correction
)	
U.S. Patent No.: 6,992,459 B2	:	
)	
Issued: January 31, 2006	:	May 26, 2006

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF CORRECTION
UNDER RULES 322 AND 323

Sir:

It is respectfully requested that a Certificate of Correction be issued by the Patent and Trademark Office due to errors which appear in the printed patent as a result of Patent and Trademark Office mistakes, and mistakes of a clerical, typographical, or minor character, which were not the fault of the Patent and Trademark Office. A Certificate of Correction form, in duplicate, is enclosed.

06/01/2006 MBEYENE1 00000007 6992459

01 FC:1811

100.00 0P

JUN 5 2006

Accompanying this letter is a check for \$100.00 to cover the statutory fee for such Certificate of Correction.

Patentees' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read 'J. Krause', is written over a horizontal line.

John A. Krause
Attorney for Patentees
Registration No. 24,613

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
Facsimile: (212) 218-2200
570558V1

JUN 5 2006

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,992,459 B2
DATED : January 31, 2006
INVENTOR(S) : AKITOSHI KIKUCHI

Page 1 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON COVER PAGE AT (57) ABSTRACT

Line 4, "in" should be deleted;
Line 5, "synchronous" should read --synchronously--; and
Line 6, "table" should read --tables--.

COLUMN 1

Line 8, "apparatus" should read --an apparatus--; and
Line 33, "the tables" should read --tables--.

COLUMN 2

Line 19, "permit of" should read --permit--;
Line 23, "apparatus" should read --an apparatus--;
Line 29, "much image data amount" should read --a high amount of image data--;
Line 32, "apparatus" should read --an apparatus--;
Line 37, "in synchronous" should read --synchronously--;
Line 39, "unit in" should read --unit--;
Line 42, "next" should read --the next--;
Line 59, "apparatus" should read --an apparatus--; and
Line 67, "in synchronous" should read --synchronously--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,992,459 B2

No. of add'l. copies
@ 30¢ per page

FIG 5 2000



Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,992,459 B2

DATED : January 31, 2006

INVENTOR(S) : AKITOSHI KIKUCHI

Page 2 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 3

Line 19, "next" should read --the next--;
Line 38, "case" should read --the case--;
Line 39, "great" should read --a high--;
Line 40, "small" should read --a low--;
Line 40, "case" should read --the case--;
Line 44, "case" should read --the case--;
Line 45, "case" should read --the case--;
Line 48, "apparatus" should read --an apparatus--;
Line 50, "line unit" should read --a line unit--;
Line 55, "in synchronous" should read --synchronously--;
Line 58, "unit it" should read --unit--;
Line 59, "synchronous" should read --synchronously--; and
Line 63, "in synchronous" should read --synchronously--.

COLUMN 4

Line 11, "reading in" should read --reading--;
Line 12, "synchronous" should read --synchronously--;
Line 21, "in synchronous" should read --synchronously--;
Line 32, "great" should read --a high--;
Line 32, "case" should read --the case--;
Line 34, "small" should read --a low--;
Line 34, "case" should read --the case--;
Line 37, "case" should read --the case--;

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,992,459 B2

No. of add'l. copies
@ 30¢ per page

JUN 5 2006



Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,992,459 B2

DATED : January 31, 2006

INVENTOR(S) : AKITOSHI KIKUCHI

Page 3 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Line 38, "case" should read --the case--;
Line 40, "apparatus" should read --an apparatus--;
Line 45, "triggers in" should read --triggers--;
Line 46, "synchronous with" should read --synchronously with--;
Line 50, "in synchronous" should read --synchronously--; and
Line 52, "next" should read --the next--.

COLUMN 5

Line 1, "apparatus" should read --an apparatus--;
Line 10, "motor in" should read --motor--;
Line 11, "synchronous with" should read --synchronously with--;
Line 16, "in synchronous" should read --synchronously--;
Line 33, "next" should read --the next--;
Line 52, "case" should read --the case--;
Line 53, "great" should read --a high--;
Line 54, "small" should read --a low--;
Line 54, "case" should read --the case--;
Line 58, "case" should read --the case--;
Line 59, "case" should read --the case--; and
Line 65, "predetermined the" should read --predetermined--.

COLUMN 6

Line 1, "means in" should read --means--
Line 8, "predetermined the" should read --predetermined--;

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,992,459 B2

No. of add'l. copies
@ 30¢ per page

JUN 5 2006 →

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,992,459 B2

DATED : January 31, 2006

INVENTOR(S) : AKITOSHI KIKUCHI

Page 4 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Line 11, "in synchronous" should read --synchronously--; and

Line 26, "tables," should read --tables, and--.

COLUMN 7

Line 15, "are so" should read --is so--

Line 21, "image," should read --images,--;

Line 52, "number" should read --numbers--; and

Line 54, "number" should read --numbers--.

COLUMN 8

Line 21, "highly fineness" should read --high definition--;

Line 47, "triggers" should read --trigger--;

Line 48, "16-line image. The" should read --a 16-line image, the--;

Line 66, "highly" should read --high--; and

Line 67, "fineness" should read --definition--.

COLUMN 9

Line 18, "great" should read --high--;

Line 23, "small" should read --low--;

Line 32, "end" should read --the end--;

Line 41, "having" should read --has a--;

Line 41, "small" should read --low--; and

Line 42, "made" should read --image--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,992,459 B2

No. of add'l. copies
@ 30¢ per page

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,992,459 B2

DATED : January 31, 2006

INVENTOR(S) : AKITOSHI KIKUCHI

Page 5 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 10

Line 9, "excitating" should read --exciting--; and

Line 55, "in synchronous" should read --synchronously--.

COLUMN 11

Line 19, "in synchronous" should read --synchronously--;

Line 29, "comman" should read --command--;

Line 31, "in synchronous" should read --synchronously--;

Line 53, "in synchronous" should read --synchronously--;

Line 57, "outputted in" should read --outputted--; and

Line 58, "synchronous" should read --synchronously--.

COLUMN 12

Line 30, "sep data" should read --step data--; and

Line 56, "S3016," should read --S3016, if--.

COLUMN 13

Line 39, "highly fineness" should read --high definition--;

Line 40, "great" should read --a high--;

Line 44, "highly fineness" should read --high definition--;

Line 45, "small" should read --a low--; and

Line 47, "great" should read --high--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,992,459 B2

No. of add'l. copies
@ 30¢ per page

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,992,459 B2

DATED : January 31, 2006

INVENTOR(S) : AKITOSHI KIKUCHI

Page 6 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 14

Line 17, "In the" should read --The--;
Line 17, "Fig. 8," should read --Fig. 8 shows--;
Line 23, "up/down the" should read --the up/down--; and
Line 64, "great" should read --high--.

COLUMN 15

Line 25, "highly fineness" should read --high definition--.

COLUMN 18

Line 15, "the number" should read --number--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,992,459 B2

No. of add'l. copies
@ 30¢ per page

Form PTO 1050 (Rev. 3-82)

570558v1



Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,992,459 B2

DATED : January 31, 2006

INVENTOR(S) : AKITOSHI KIKUCHI

Page 1 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

ON COVER PAGE AT (57) ABSTRACT

Line 4, "in" should be deleted;

Line 5, "synchronous" should read --synchronously--; and

Line 6, "table" should read --tables--.

COLUMN 1

Line 8, "apparatus" should read --an apparatus--; and

Line 33, "the tables" should read --tables--.

COLUMN 2

Line 19, "permit of" should read --permit--;

Line 23, "apparatus" should read --an apparatus--;

Line 29, "much image data amount" should read --a high amount of image data--;

Line 32, "apparatus" should read --an apparatus--;

Line 37, "in synchronous" should read --synchronously--;

Line 39, "unit in" should read --unit--;

Line 42, "next" should read --the next--;

Line 59, "apparatus" should read --an apparatus--; and

Line 67, "in synchronous" should read --synchronously--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,992,459 B2

No. of add'l. copies
@ 30¢ per page

Form PTO 1050 (Rev. 3-82)

570558v1

JUN 5 2006



Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,992,459 B2

DATED : January 31, 2006

INVENTOR(S) : AKITOSHI KIKUCHI

Page 2 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 3

Line 19, "next" should read --the next--;
Line 38, "case" should read --the case--;
Line 39, "great" should read --a high--;
Line 40, "small" should read --a low--;
Line 40, "case" should read --the case--;
Line 44, "case" should read --the case--;
Line 45, "case" should read --the case--;
Line 48, "apparatus" should read --an apparatus--;
Line 50, "line unit" should read --a line unit--;
Line 55, "in synchronous" should read --synchronously--;
Line 58, "unit it" should read --unit--;
Line 59, "synchronous" should read --synchronously--; and
Line 63, "in synchronous" should read --synchronously--.

COLUMN 4

Line 11, "reading in" should read --reading--;
Line 12, "synchronous" should read --synchronously--;
Line 21, "in synchronous" should read --synchronously--;
Line 32, "great" should read --a high--;
Line 32, "case" should read --the case--;
Line 34, "small" should read --a low--;
Line 34, "case" should read --the case--;
Line 37, "case" should read --the case--;

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,992,459 B2

No. of add'l. copies
@ 30¢ per page

JUN 5 2006 →

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,992,459 B2

DATED : January 31, 2006

INVENTOR(S) : AKITOSHI KIKUCHI

Page 3 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Line 38, "case" should read --the case--;
Line 40, "apparatus" should read --an apparatus--;
Line 45, "triggers in" should read --triggers--;
Line 46, "synchronous with" should read --synchronously with--;
Line 50, "in synchronous" should read --synchronously--; and
Line 52, "next" should read --the next--.

COLUMN 5

Line 1, "apparatus" should read --an apparatus--;
Line 10, "motor in" should read --motor--;
Line 11, "synchronous with" should read --synchronously with--;
Line 16, "in synchronous" should read --synchronously--;
Line 33, "next" should read --the next--;
Line 52, "case" should read --the case--;
Line 53, "great" should read --a high--;
Line 54, "small" should read --a low--;
Line 54, "case" should read --the case--;
Line 58, "case" should read --the case--;
Line 59, "case" should read --the case--; and
Line 65, "predetermined the" should read --predetermined--.

COLUMN 6

Line 1, "means in" should read --means--
Line 8, "predetermined the" should read --predetermined--;

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,992,459 B2

No. of add'l. copies
@ 30¢ per page

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,992,459 B2

DATED : January 31, 2006

INVENTOR(S) : AKITOSHI KIKUCHI

Page 4 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Line 11, "in synchronous" should read --synchronously--; and

Line 26, "tables," should read --tables, and--.

COLUMN 7

Line 15, "are so" should read --is so--

Line 21, "image," should read --images,--;

Line 52, "number" should read --numbers--; and

Line 54, "number" should read --numbers--.

COLUMN 8

Line 21, "highly fineness" should read --high definition--;

Line 47, "triggers" should read --trigger--;

Line 48, "16-line image. The" should read --a 16-line image, the--;

Line 66, "highly" should read --high--; and

Line 67, "fineness" should read --definition--.

COLUMN 9

Line 18, "great" should read --high--;

Line 23, "small" should read --low--;

Line 32, "end" should read --the end--;

Line 41, "having" should read --has a--;

Line 41, "small" should read --low--; and

Line 42, "made" should read --image--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,992,459 B2

JUN 5 2006

No. of add'l. copies
@ 30¢ per page

JUN 5 2006

Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,992,459 B2

DATED : January 31, 2006

INVENTOR(S) : AKITOSHI KIKUCHI

Page 5 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 10

Line 9, "excitating" should read --exciting--; and

Line 55, "in synchronous" should read --synchronously--.

COLUMN 11

Line 19, "in synchronous" should read --synchronously--;

Line 29, "comman" should read --command--;

Line 31, "in synchronous" should read --synchronously--;

Line 53, "in synchronous" should read --synchronously--;

Line 57, "outputted in" should read --outputted--; and

Line 58, "synchronous" should read --synchronously--.

COLUMN 12

Line 30, "sep data" should read --step data--; and

Line 56, "S3016," should read --S3016, if--.

COLUMN 13

Line 39, "highly fineness" should read --high definition--;

Line 40, "great" should read --a high--;

Line 44, "highly fineness" should read --high definition--;

Line 45, "small" should read --a low--; and

Line 47, "great" should read --high--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,992,459 B2

No. of add'l. copies
@ 30¢ per page

JUN 5 2006



Staple
Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,992,459 B2
DATED : January 31, 2006
INVENTOR(S) : AKITOSHI KIKUCHI

Page 6 of 6

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 14

Line 17, "In the" should read --The--;
Line 17, "Fig. 8," should read --Fig. 8 shows--;
Line 23, "up/down the" should read --the up/down--; and
Line 64, "great" should read --high--.

COLUMN 15

Line 25, "highly fineness" should read --high definition--.

COLUMN 18

Line 15, "the number" should read --number--.

MAILING ADDRESS OF SENDER:

FITZPATRICK, CELLA, HARPER & SCINTO
30 Rockefeller Plaza
New York, New York 10112-3801
(212) 218-2100 - Telephone
(212) 218-2200 - Facsimile

PATENT NO. US 6,992,459 B2

No. of add'l. copies
@ 30¢ per page

JUN 5 2006

